

HIV-1 inhibitor-75

Chemical Properties

CAS No. :

Formula: C₂₅H₂₀ClN₃O₃S

Molecular Weight: 477.96

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	HIV-1 inhibitor-75 is a human immunodeficiency virus 1 (HIV-1) inhibitor with an EC ₅₀ range of 0.0039-0.338 μM. Its target is the reverse transcriptase, exhibiting an IC ₅₀ value of 0.055 μM. Additionally, HIV-1 inhibitor-75 demonstrates good metabolic stability in vitro, presenting moderate clearance rates and an extended half-life in human plasma and liver microsomes.
Targets(IC ₅₀)	HIV Protease,Reverse Transcriptase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0922 mL	10.4611 mL	20.9223 mL
5 mM	0.4184 mL	2.0922 mL	4.1845 mL
10 mM	0.2092 mL	1.0461 mL	2.0922 mL
50 mM	0.0418 mL	0.2092 mL	0.4184 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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